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File

997164

AL-35-800124-2

24 September 1965

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Dear Joe:

Subject: Contract [] Progress Review Meeting, 31 August and
1 September 1965

We are forwarding herewith two (2) copies of the subject document
(classified SECRET).

Declass Review by NGA.

RRW:eb

Dick
Dick

Copy #1: JP w/enc. AL-35-700074-6 & 7
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AL-35-700074- /

14 Sept 65

25X1 SUBJECT: Contract [] Progress Review Meeting - 31 Aug and 1 Sept 65

1. As requested by the customer in a telephone call on 16 Aug 65, a technical progress review meeting was held at the contractor's facility on 31 Aug and 1 Sept 65.

PERSONNEL PRESENT



3. Contractor: Contractor personnel listed below participated in review and discussions only as required:



DISCUSSION

4. General:a. Contract Discussions:

5X1 (1) It has been decided by the customer that existing Contract [] PARs, and any follow-up work pertaining to those PARs, will be continued under the existing Contract []

(2) Future work, not related to existing PARs, will be awarded as separate contracts through normal [] procurement channels.

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(3) The contractor pointed out that each new contract will require specific company management approval, and that such approval may be very difficult to obtain in view of the present and projected work loads.

5X1 (4) [] described the customer's "Program Concept" for future development projects. A prime contractor will be selected in each of several major areas and will provide over-all management and direction of effort in that field, subcontracting as necessary, to accomplish successful attainment of project objectives. (The first such area to be contracted is [] The contractor expressed his desire to be kept abreast of developments in this area.

5X1 (b) Fiscal:

(1) The customer requested that the Contract [] monthly fiscal report be modified to include a listing of proposed work and estimated cost. Other than this change, the present fiscal report format is considered satisfactory. The monthly fiscal reports should continue to show price (total cost plus fixed fee) on individual PARs, as this simplifies fiscal analysis by the customer's contract monitors.

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(2) The contractor's accounting procedures were discussed in some detail, with particular attention being given to procedures for the establishment of G&A, burden rates for estimating and for the negotiation of billing and final burden rates.

(3) Through a clerical error, the June 65 monthly report showed fee on the PAR 202/224 overrun of [] This error was corrected in the July report and amounts to a decrease of [] from the amount shown in the June report.

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c. [] has been requested to follow-up on CCB Quarterly Review Meeting action items which are the responsibility of NPIC. The main item discussed was in connection with intraframe density variation (IFDV) and whether the adjustment of the printing exposure level according to a preset program would result in a duplicate print more useful to the PI. The proposed approach to providing exposure changes within a frame (programmed light source) and also providing frame by frame exposure level control (Galaxy Printer system) were described by the contractor.

d. The customer requested that [] visit their facility for general discussions of items of mutual interest and specifically to inspect the RT-12 and RT-24 processor installations during the week of 27 September.

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5. RT-12 and RT-24 Processors:

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a. [] requested that additional data be provided on recommended spare parts list for the RT-12 and RT-24 Processors. Subject to management approval, the contractor agreed to supply:

- (1) Manufacturer and specifications on vendor items.
- (2) Catalog prices on APS parts.
- (3) ROM prices for each line item of make parts. After customer's quantity requirements have been established, firm price and delivery data will be provided.

b. The following additional copies of each of the recommended spare parts lists were requested by and given to []

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- (1) RT-12 Processor - Document No. AL-35-700044-4
- (2) RT-24 Processor - Document No. AL-35-700045-4

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25X1 c. [] requested that the contractor supply one set of hand rewind parts to support operation of the RT-12 Processor, which uses the Dexter spools for roll film take-up. (A hand rewind unit was delivered to the customer on 7 Sept 65. This unit will be replaced and charged against PAR 214, RT-12 Processor.)

6. Follow-On of Existing and/or Completed PARs:

a. PAR 207, Definitive Study of Contact Printers -- Moire' Pattern Technique: Development of the Moire' Pattern distortion measurement technique into a useful tool for checking printer and processor gross distortion and the use of such techniques for evaluation of existing printing and processing machines will not be required of the contractor. []

25X1 [] has facilities and personnel available to carry out this work.

b. PAR 213, Color Reproduction Systems Review: Recommendation for study of stereo projection techniques for use in briefing will be considered by the customer, and the need for a proposal covering further work in this area will be determined.

c. PAR 203, Rapid Access Printer: Customer has serious reservations on ability of Technifax material to provide an acceptable print quality. In addition, human factors and systems factors need to be studied in the customer's shop before the proper approach to the problem of rapid print availability can be established. One alternate method discussed in place of rapid access printing by the PI was to provide an extra dupe positive specifically for the PI to cut out pieces for examination (with reprinting of only the affected frames, by a printer now under development, allowing repair of the dupe).

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d. PAR 202/224, Briefing Print Enlarger/3X to 15X Fluid Gate Enlarger:

(1) Contractor was requested to provide a rough order of magnitude estimate of the cost of a prototype briefing print enlarger, including installation, administration and travel, since such a prototype program would extend well beyond present period of performance on the contract. It is recognized that subsequent to completion of breadboard fabrication and testing a much more accurate estimate of prototype cost can and should be made. However, the present concept of combining PARs 202 and 224 into a single enlarger is sufficiently different from the original proposal that a new ROM figure is very desirable.

(2) The breadboard enlarger was inspected by and discussed with customer representatives.

e. 10-20-40X Enlarger Redesign: The possibility of designing a new set of lenses for the 10-20-40X Enlarger, capable of providing increased field and resolution was discussed. Improvements to the negative transport and provision of a motor drive for positioning the negative also appear desirable. The possibility of providing improved 10-20-40X type lenses (small field at maximum resolution) for use on the Briefing Print Enlarger was pointed out. The customer will determine which proposal best fills his needs.

7. Active PARs:

a. PAR 217, Optimization of Lasers - Final report completion was predicted as 15 Oct 65.

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b. PAR 233, Zoom (6X to 60X) Projection Lens for Monochromatic Light - Contractor will notify customer when design goal specifications have been prepared, and a review meeting will be scheduled.

8. PARs Awaiting Customer Action: PAR 242, Color Demonstration Material, recently submitted, covered preparation of slides to demonstrate quality obtainable by several different reproduction systems. Customer will determine whether the proposed materials are adequate for the purpose and will advise if any additional materials are desired. It was subsequently pointed out that the bulk of the effort is in establishing control over the reproduction process, rather in the footage of material to be processed. This means that production of more slides of each type is relatively inexpensive, while addition of a new type (for example subtractive printing of S0121 onto S0121) would require an additional set-up.

9. Additional Items Discussed:

a. Machine-Readout of Data on Acquisition Films:

(1) Since it appears that in the near future large volumes of material will be available from new acquisition systems which incorporate data recording on the ON, the customer was urged to consider what hardware will be required at his facility to read such material, and to begin development of these items as soon as possible.

(2) [] indicated that [] are members of a committee to standardize data recording systems. Contractor believes that new systems will be fully operational before standardization can be achieved, and that [] will have urgent requirements to handle several such systems having different formats, different coding systems and different types of data.

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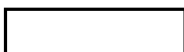
(3) A demonstration of a commercially available roll film image storage and retrieval system developed by the contractor was held for the customer's representatives. The adverse effect that code bit size, shape and location can have on the cost of reading equipment was emphasized.

ACTION ITEMS

10. Customer - See Attachment #1, page 8.
11. Contractor - See Attachment #2, page 9 and Attachment #3, page 10.

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Attachment - 3 pages



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Attachment #1
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CUSTOMER
ACTION ITEMS

<u>Para.</u>	<u>Description</u>	<u>Action</u>
6.b	<u>PAR 213, Color Reproduction System Review:</u> Study of stereo projection techniques for use in briefing.	The need for a proposal covering further work in this area will be determined.
6.e	<u>10-20-40X Enlarger Redesign:</u> Improvements.	Determine improvements to best fill needs.
8	<u>PAR 242, Color Demonstration:</u>	Determine adequacy of proposed materials.

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Attachment #2
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CONTRACTOR
ACTION ITEMS

<u>Para.</u>	<u>Description</u>	<u>Action</u>
4.b.(1)	<u>Monthly Fiscal Report:</u>	Modify to include listing of proposed work and estimated cost.
4.d	<u>Visit Customer's Facility:</u>	<input type="text"/> to arrange visit.
5.a	<u>Spare Parts List for RT-12 and RT-24 Processors - additional data:</u>	Contractor supply, subject to management approval.
5.c	<u>RT-12 Processor:</u> Supply customer one set of rewind parts.	a. Delivered to customer 7 Sept 65. b. Replace and charge against PAR 214, RT-12 Processor.

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Attachment #3
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CONTRACTOR
ACTION ITEMS

<u>Para.</u>	<u>Description</u>	<u>Action</u>
6.d	<u>PAR 202/224, Briefing Print Enlarger/3X -</u> <u>15X Fluid Gate Enlarger:</u>	Provide ROM estimate for prototype.
7.a	<u>PAR 217, Optimization of Lasers:</u> Final Report	Publish by 15 Oct 65
7.b	<u>PAR 233, Zoom (6X to 60X) Projection</u> <u>Lens for Monochromatic Light:</u>	a. Notify customer when design goal objectives have been prepared. b. Schedule review meeting.

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